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Adhering automobile carpet with pad - using hot melt adhesive contg.  
co-polymeric polyester to stick flexible polyvinyl chloride resin pad to  
carpet

Patent Assignee: TOA GOSEI CHEM IND LTD (TOAG )

Number of Countries: 001 Number of Patents: 001

Patent Family:

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JP 63128029 A 19880531 JP 86273908 A 19861119 198832 B

Priority Applications (No Type Date): JP 86273908 A 19861119

Patent Details:

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JP 63128029 A 6

Abstract (Basic): JP 63128029 A

Adhesion comprises using a hot melt type adhesive, which contains a copolymeric polyester having melt viscosity 10,000-100,000 cps at 190 deg. C and Vicat softening pt. above 50 deg. C and consisting of acid component with above 30 mol % of terephthalic acid residual gp. and polyol component with above 30 mol % of 1,4-butane diol component or with ethylene glycol and polyoxyalkylene glycol, in sticking a flexible vinyl chloride resin pad to an automobile carpet.

USE/ADVANTAGE - Gives automobile carpet with flexible vinylk chloride resin pad having excellent workability, flexibility, adhesive property and adhesion durability. Also, the process can be used for various industrial fields for automobile door trim, interior material in the field of building material, etc.

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PARTIAL TRANSLATION OF JAPANESE UNEXAMINED PATENT (KOKAI)

NO. 63-128029

Title of the Invention: A method for Bonding Pad to  
Automobile Carpet

Application No.: 61-273908

Filing Date: November 19, 1986

Publication Date: May 31, 1988

Applicant: Toagosei Co., Ltd.

Priority claimed: none

[Scope of Claims for Patent]

1. A method for bonding a pad to an automobile carpet wherein a hot melt adhesive comprising a copolymer polyester as an effective component, is used for bonding a pad made of a soft polyvinyl chloride resin to an automobile carpet, wherein the copolymer polyester is made of an acid component containing no less than 30 mole% of terephthalate residue and a polyol component containing no less than 30 mole% of 1,4-butane diol, or consisting of ethylene glycol and polyoxyalkylene glycol, wherein the copolymer polyester has a melt viscosity from 10,000 cps to 100,000 cps at a temperature of 190°C, has a melting point from 100°C to 170°C, and has a Vicat softening point of 50°C or more.

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